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between lines 8 and 9, insert the following new paragraph:

--This application is related to application Serial No. 08/895,986 filed on September 29, 1998, now U.S. Patent No. 6,000,039, which is a continuation of application Serial No. 08/534,841, the great-grandparent application of the present application.--.

Page 21, line 11, delete "kind" insert --kinds--.

REMARKS

A new title has been provided, and the specification has been amended. Claims 1-12 are pending, with claims 1, 4-7, and 11 being independent.

Submitted herewith is a claim for priority, acknowledgement of which is respectfully requested.

Submitted herewith is an Information Disclosure Statement, consideration of which is respectfully requested.

The abstract is based on claims 1-3.

The original specification of the present application (except for the title of the invention) is identical to the substitute specification filed on March 24, 2000, in application Serial No. 09/162,444, the parent application of the present application, as amended by the amendment of March 24, 2000, filed in the parent application and the supplemental amendment of April 7, 2000, filed in the parent application.

The original drawings of the present application are identical to the corrected drawings filed on September 21, 2000, in the parent application.

The feature of independent claims 1 and 4-6 wherein the controller is operable in a first mode wherein the processing of reconstructing data has priority over the processing of data read/write requests, and a second mode wherein the processing of data read/write requests has priority over the processing of reconstructing data is shown, for example, in Fig. 6 wherein Step 136 corresponds to the first mode recited in claims 1 and 4-6, and Step 134 corresponds to the second mode recited in claims 1 and 4-6.

The feature of claim 2 depending from claim 1 wherein the controller determines whether to operate in the first mode or the second mode based on an urgency of data reconstruction is described, for example, on page 8, line 25, through page 9, line 13, of the specification.

The feature of claim 3 depending from claim 1 wherein the controller determines whether to operate in the first mode or the second mode in order to complete data reconstruction within a fixed time is described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 19, line 26, through page 20, line 4, of the specification wherein the fixed time recited in claim 3 corresponds, for example, to the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

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mode based on a time for reconstructing data which is determined before the processing of reconstructing data begins is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the time for reconstructing data which is determined before the processing of reconstructing data begins recited in claim 6 corresponds, for example, to one or more of the predetermined limit time in Step 132 in Fig. 6 and the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

The feature of independent claim 7 wherein the controller performs the processing of reconstructing data and the processing of data read/write requests based on a condition determined before the processing of reconstructing data begins is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the processing of reconstructing data recited in claim 7 is performed, for example, in Steps 134 and 136 in Fig. 6; wherein the processing of data read/write requests recited in claim 7 is performed, for example, in Step 134 in Fig. 6; and wherein the condition determined before the processing of reconstructing data begins recited in claim 7 determines which one of Steps 134 and 136 is performed and corresponds, for example, to one or more of the threshold in Step 130 in Fig. 6, the predetermined limit time in Step 132 in Fig. 6, and the

fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

The feature of claim 8 depending from claim 7 wherein the condition is a time for reconstructing data is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the time for reconstructing data recited in claim 8 corresponds, for example, to one or more of the predetermined limit time in Step 132 in Fig. 6 and the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

The feature of claim 9 depending from claim 7 wherein the condition determines a priority of the processing of reconstructing data and a priority of the processing of data read/write requests is shown, for example, in Fig. 6 wherein the processing of reconstructing data recited in claim 9 and the processing of data read/write requests recited in claim 9 are performed with different priorities in Steps 134 and 136, and which one of Steps 134 and 136 is performed is determined by the condition determined before the processing of reconstructing data begins recited in claim 7 from which claim 9 depends and which corresponds, for example, to one or more of the threshold in Step 130 in Fig. 6, the predetermined limit time in Step 132 in Fig. 6, and the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

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The feature of claim 10 depending from claim 9 wherein the condition is a time for reconstructing data is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the time for reconstructing data recited in claim 10 corresponds, for example, to one or more of the predetermined limit time in Step 132 in Fig. 6 and the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

The feature of independent claim 11 wherein the controller determines a priority of the processing of reconstructing data and a priority of the processing of data read/write requests based on a condition determined before the processing of reconstructing data begins is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the processing of reconstructing data recited in claim 11 and the processing of data read/write requests recited in claim 11 are performed with different priorities in Steps 134 and 136 in Fig. 6, and which one of Steps 134 and 136 is performed is determined by the condition determined before the processing of reconstructing data begins recited in claim 11 which corresponds, for example, to one or more of the threshold in Step 130 in Fig. 6, the predetermined limit time in Step 132 in Fig. 6, and the fixed period of time referred to on page 4,

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lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

The feature of claim 12 depending from claim 11 wherein the condition is a time for reconstructing data is shown, for example, in Fig. 6 and described, for example, on page 4, lines 2-8; page 6, lines 18-26; and page 18, line 24, through page 20, line 4, of the specification wherein the time for reconstructing data recited in claim 12 corresponds, for example, to one or more of the predetermined limit time in Step 132 in Fig. 6 and the fixed period of time referred to on page 4, lines 5-6; page 6, line 26; and page 20, line 3, of the specification.

Although various features of claims 1-12 have been discussed above with reference to specific portions of the specification and drawings, it is noted that these specific references to the specification and drawings are strictly exemplary, and that other portions of the specification and drawings also provide support for the features of claims 1-12 discussed above.

Please charge any shortage in fees due in connection with the filing of this paper, or credit any overpayment of fees,

to the deposit account of Antonelli, Terry, Stout & Kraus,
LLP, Deposit Account No. 01-2135 (500.31108CC5).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

Carl I. Brundidge Reg No 37,173 per
Carl I. Brundidge
Registration No. 29,621

CIB/RSS
(703) 312-6600

00544-11100